



Manifest number associated with waste shipment:  
89630929

Generator Name:

Douglas Aircraft Co.

Form LDR N-1  
**Notification of Waste  
Subject to Land Disposal Restrictions**

Pursuant to 40 CFR 268.7 (a), I hereby notify USPCl that this waste shipment contains a waste(s) that is (are) restricted under the land disposal restrictions contained in either 40 CFR 268 or RCRA Section 3004 (d). This shipment contains one or more of the following wastes which are subject to the listed treatment requirements.

Waste code overlap requires all applicable codes, including characteristics, be applied even to listed (P,K,U,P) wastes.

**Waste (check appropriate boxes)**

					Treatment Standard	
1. <input type="checkbox"/> California List Waste (applies to all states)					Complete Reverse Side	
2. <input type="checkbox"/> F-Solvents <input type="checkbox"/> F001 <input type="checkbox"/> F002 <input type="checkbox"/> F003 <input type="checkbox"/> F004 <input type="checkbox"/> F005					Complete Reverse Side	
3. List all D,F,K,U, or P Waste Codes (e.g. F006, D003)	Subcategory (if any)	Treatability Group (e.g. wastewater or nonwastewater)	Treatment Standard in 40CFR 268.41(a) 268.42 (a) 268.43 (a)		Required Method Insert proper 5-letter code	USPCl acceptance #
A. D002	Acid Liquid	NWW			DEACT	GM 90-215C*
B. D007		NWW	X			GM 90-215G
C. D007		NWW	X			GM 90-119g-90
D. D007		NWW	X			GM 90-212J
E.						
F.						
G.						
H.						
I.						
J.						
K.						
L.						
M.						
N.						
O.						
P.						

4.  Multi-source leachate F038

Treatment Standards attached  
Constituents which are applicable are marked

NOTE: "Wastewater" means a waste containing less than 1% filterable solids and less than 1% T.O.C.

5. **Deadline Extensions**

Certain LDR restricted wastes are permitted to be placed in a land disposal unit after the deadline provided they meet other applicable conditions. Restricted wastes which qualify for a deadline extension are as follows:

Check applicable date:	List waste codes for which extension applies
<input type="checkbox"/> November 8, 1990	
<input type="checkbox"/> May 8, 1992	
<input type="checkbox"/> Other: please provide date	

REV JUL 1990

MARK ONLY THOSE CONSTITUENTS WHICH APPLY

## 268.41 Table CCWE-Constituent Concentrations in Waste Extract

P001-P008 spent solvents	Concentration (in mg/l)	
	Wastewaters containing spent solvents	All other spent solvent wastes
Acetone .....	0.08	0.08
n-Butyl alcohol .....	0.0	0.0
Carbon disulfide .....	1.08	4.01
Carbon tetrachloride .....	0.08	0.08
Chlorobenzene .....	0.18	0.08
Cresole (& Creosolic acid) .....	2.02	0.76
Cyclohexane .....	0.188	0.78
1,2-Dichlorobenzene .....	0.08	0.125
Ethyl acetate .....	0.08	0.76
Ethylbenzene .....	0.08	0.003
Ethyl ether .....	0.08	0.76
Iodoethane .....	0.0	0.0
Methanol .....	0.08	0.76
Methylene chloride .....	0.30	0.00
Methyl ethyl ketone .....	0.08	0.76
Methyl isobutyl ketone .....	0.08	0.00
Nitrobenzene .....	0.08	0.125
Pyridine .....	1.12	0.00
Tetrachloroethylene .....	0.079	0.00
Toluene .....	1.12	0.00
1,1,1-Trichloroethane .....	0.079	0.00
1,1,2-Trichlore-1,2,2-Trifluoroethane .....	1.08	0.41
Trichloroethylene .....	0.002	0.001
Trichlorofluoromethane .....	0.08	0.00
Xylene .....	0.08	0.18

## 268.43 Table CCW-Constituent Concentrations In Wastes

P001, P002, P003, P004 and P008 wastewaters (Pharmaceutical Industry)	Concentration (in mg/l)
Methylene chloride .....	0.44
P002 and P008	Concentration in mg/l(ww) mg/kg(mw)
1,1,2-Trichloroethane (P002) .....	0.000 0.070
Benzene (P008) .....	7.4 Required Method(s)
2-Nitropropane (P008) .....	Required Method(s)
2-Hydroxyethanol (P008) .....	Required Method(s)

## California List Waste (applies to all states)

Liquid hazardous waste including free liquids associated with any solid or sludge containing the following constituents or characteristics:

Concentration	Treatment Standard
pH ≤ 2.0 .....	Neutralization/Stabilization
Cyanides .....	Cyanides Destruction/Stabilize
Arenics .....	Metals Recovery/Solidification
Cadmium .....	Metals Recovery/Solidification
Chromium (VI) .....	Metals Recovery/Solidification
Lead .....	Metals Recovery/Solidification
Mercury .....	Metals Recovery/Solidification
Nickel .....	Metals Recovery/Solidification
Selenium .....	Metals Recovery/Solidification
Thallium .....	Metals Recovery/Solidification
PCBs .....	Inhalation/High Efficiency Boiler
Solid, sludge, or liquid Halogenated Organic Compounds (HOCs) listed in 40 CFR 268 Appendix N .....	Inhalation/Carbon Adsorption/Solvent Extraction



## Certification of restricted waste meeting treatment standards

I hereby certify to U.S. Pollution Control, Inc. (USPCI) that the hazardous waste identified in this certification meets the applicable treatment standards set forth in 40 CFR 268 Subpart D, and the applicable prohibition levels set forth in Sec. 268.32 or in RCRA Section 3004(d). For wastes with treatment standards expressed as concentrations in the waste extract (Subsection 268.41), the owner or operator of the treatment facility must test the treatment residues according to the waste analysis plan using the Toxicity Characteristic Leaching Procedure (TCLP) described in Appendix II of 40 CFR Part 261 to ensure that the treatment residue extract meets the applicable treatment standards found in Table OCWE. For wastes with treatment standards expressed as waste concentrations, the owner or operator of the treatment facility must test the total treated waste matrix for the constituents specified in Table OCW of Sec. 268.43.

USPCI Acceptance Number: \_\_\_\_\_

Manifest Number Associated With Waste Shipment: \_\_\_\_\_

**NOTICE: THIS SECTION MUST BE COMPLETED.**

Basis for this certification-Describe the knowledge upon which the certification is made and attach the most recent analytical data:

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**PUT INITIALS IN BLOCK FOR APPROPRIATE CERTIFICATION**

1. GENERATOR'S CERTIFICATION (40 CFR 268.7(a)(2)(ii))

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

2. PERFORMANCE STANDARDS (40 CFR 268.7(b)(2)(ii))

I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Sec. 3004(d) without impermissible dilution of the prohibited wastes. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

3. TECHNOLOGY STANDARDS (40 CFR 268.7(b)(3)(ii))

I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.42. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

4. CONCENTRATION-BASED CERTIFICATION FOR INCINERATOR/FUEL SUBSTITUTION RESIDUES (40 CFR 268.7(b)(5)(ii))

I certify under penalty of law that I have personally examined and am familiar with the technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by incineration in units operated in accordance with 40 CFR part 264, subpart O or 40 CFR part 265, subpart O, or by combustion in fuel substitution units operating in accordance with applicable technical requirements, and all have been unable to detect the nonwastewater organic constituents despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

Are there any constituents which do not meet applicable land disposal restriction treatment standards?

yes       no

If yes, please list the constituents which require further treatment:

Waste Code	Constituent(s)

Robert G. Tuell, Jr. Sr. Plant Engr. 123 783-5928  
 Printed Name Telephone

Robert G. Tuell, Jr.  
 Signed (Authorized Signature of Generator or TSDF)

DEPARTMENT

12-03-90 Date